

ABSTRACT OF THE DISCLOSURE

A first balancing shaft and a second balancing shaft are provided for an internal-combustion engine having four cylinders in a V-arrangement. The free inertial forces of the second order are reduced by way of the balancing shafts. The second balancing shaft is arranged in the point of intersection of the cylinder Vs above the crankshaft. The rotation center points of the two balancing shafts and of the crankshaft are situated on a perpendicular axis of symmetry which extends through the point of intersection.